

SECTION 01 43 28
TESTING LABORATORY SERVICES
for Asbestos Abatement

PART 1 - GENERAL

1.01 DESCRIPTION

- A.** Owner will provide a qualified Testing Laboratory to perform routine and special testing of Work performed under Contract Documents to determine general compliance.
- B.** Testing Laboratory representative will perform routine and special testing necessary to determine general compliance with Contract Documents, and observe and document on a daily basis the execution and progress of the Work. Such observation and documentation shall be for the sole benefit of Owner and shall not be construed in any way as to include responsibility for Contractor's means, methods, techniques, sequences or procedures involved with execution of Work, nor shall such observation and documentation by Testing Laboratory be construed to include responsibility for any safety programs or procedures either utilized or not utilized by Contractor during Work.
- C.** Provision of Testing Laboratory by Owner to perform testing for Owner shall not relieve Contractor from providing its own air testing for compliance with specifications.

1.02 WORK INCLUDED

- A.** Cooperate with Owner's Testing Laboratory in all aspects of testing to expedite testing and results.
- B.** Provide Testing Laboratory representative access to Work at all times and in all locations requested as necessary to perform testing.
- C.** Pay for retesting subsequent to noncompliance of preliminary or final air tests as required in Contract Documents.

1.03 WORK NOT INCLUDED

- A.** Selection of Testing Laboratory
- B.** Payment for initial testing.

1.04 QUALITY ASSURANCE

- A.** Environmental air testing shall be performed in general accordance with procedures outlined in the National Institute for Occupational Safety and Health (NIOSH) 7400 Method and also will follow guidelines issued by Environmental Protection agency regarding detection limits.
- B.** Final air testing will be performed in general accordance with EPA "Silver Book" - Measuring Airborne Asbestos Following an Abatement Action (EPA 600/4-85-049, November, 1985).

1.05 PAYMENT FOR TESTING

- A.** Initial Services: Owner will pay for up to the specified maximum number of shifts of Environmental Air Testing, including initial Preliminary and Final Air Clearance testing required by Contract Documents.
- B.** Retesting: When preliminary or final air clearance tests indicate noncompliance with Contract Documents, subsequent retesting will be performed by same Testing Laboratory, and associated costs will be responsibility of Contractor and may be deducted by Owner from Contract Sum by appropriate Modification.
- C.** Additional Testing: When additional testing is required due to either: more than the allocated number of shifts required to complete project, breach in containment, or Contractor non-compliance with Contract Documents, subsequent and additional testing shall be performed by Testing Laboratory and associated costs will be responsibility of Contractor and may be deducted by Owner from Contract Sum by appropriate Modification.

1.06 SCHEDULING

- A.** Testing Laboratory will perform tests in areas and at times during the Work as deemed necessary by the Testing Laboratory and as specified in the Contract Documents.
- B.** Notify Testing Laboratory of need for preliminary and final air testing at least 24 hours prior to desired time of testing.
- C.** Coordinate other scheduling with Testing Laboratory as necessary.

1.07 RESULTS

- A.** Testing Laboratory will perform all testing analysis promptly and issue results expeditiously in order to minimize any possible delay in the progress of the Work.
- B.** Test results shall be available to Owner, Designer, and Contractor as follows:
 - 1.** Air clearance results: 24 hours following tests.
 - 2.** Results of other tests deemed necessary by Designer; as quickly as possible but not earlier than 24 hours following completion of tests.
- C.** Air tests will be made both inside and outside of work areas. Contractor is cautioned, however, that should interpretations be made, opinions be formed and conclusions be drawn as a result of examining the test results, these interpretations, opinions and conclusions will be those made, formed and drawn solely by Contractor. Contractor is responsible for performing air tests required for its evaluation of the safety of its employees.

END OF SECTION